Dart Aerospace Ltd. Wednesday, 4/19/2006 8:14:46 AM Kim Johnston User: **Process Sheet Drawing Name** : DOUBLER : CU-DAR001 Dart Helicopters Services Customer **Job Number** : 26725 : 11469 **Estimate Number** : NIA Part Number : D314098 P.O. Number S.O. No. : N/A : D3140 REV D1 : 4/19/2006 **Drawing Number** This Issue : N/A : NC Project Number Prsht Rev. : NIA : MACHINED PARTS : D1 **Drawing Revision** First Issue :NIA :NIA Material **Previous Run** Each : 4/26/2006 1 Um: **Due Date** Qty: Written By Checked & Approved By New Issue NG Comment Est. Rev B New dwg rev. ecn781 06.04.18 EC **Additional Product** Job Number: Description: Seq. #: Machine Or Operation: M2024T3S032 2024-T3 .032 sheet 1.0 0.1796 sf(s)Comment: Qty.: 0.1796 sf(s)/Unit Total: 2024-T3 .032 sheet Matl: 2024-T3 (QQ-A-250/4) .032" thick (M2024T3S.032) SHEAR 2.0 Comment: SHEAR Cut blanks Blank size: 3.810" x 6.43" x .032" thick Grain along 3.810" HAAS CNC VERTICAL MACHINING #1 3.0 HAAS1 Comment: HAAS CNC VERTICAL MACHINING #1 Machine as per Folio FA226 Stack of 10 Deburr break all unmarked sharp edges .005 to 0.010 Form as per dwg (-98 opposite) INSPECT WORK TO CURRENT STEP 4.0 QC5 Comment: INSPECT WORK TO CURRENT STEP

Page 1

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W/O:			WO	RK ORDER CHANGES	}				
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	•	PAR #:	Fault Categ	jory: N	ICR: Yes	MO DQ	A: 😂	Date: <u>(</u>	6/04/21
					QA: N	/C Close	d:	_ Date: _	
NCR:		V	VORK ORDE	R NON-CONFORMAN	CE (NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	on B Sign & Date		cation on C	Approval Chief Eng	Approval QC Inspector
	1 1								

NOTE: Date & initial all entries

Date: -Wednesday, 4/19/2006 8:14:46 AM Kim Johnston User: **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services **Drawing Name: DOUBLER** Part Number: D314098 Job Number: 26725 Job Number: Seq. #: **Machine Or Operation:** Description: HAND FINISHING RESOURCE #1 HAND FINISHING1 5.0 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 INSPECT POWDER COAT/CHEMICAL CONVERSION 6.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING 1 PACKAGING RESOURCE #1 7.0 Comment: PACKAGING RESOURCE #1 Identify and Stock C 20(d04/20 Location: 8.0 DC Comment: DOCUMENT CONTROL Inspection Level 21 Job Completion

Dart Aerospace Ltd

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W/O:			W	ORK ORDER CHA	NGES						
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Part No		PAR #:	Fault Cate	egory:	NCR:	Yes N	lo DQ /	\ :	_ Date: _		
					C	QA: N/	C Closed	1:	_ Date: _		
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DATE STEP		Section A	Initial Chief Eng	Initial Action Description Chief Eng Chief Eng		Sign & Date		Section C		QC Inspector	
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NOTE: Date & initial all entries



DESIGN DRAWN BY			DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA					
CHEC	CHECKED APPROVED		DRAWING NO.	REV. D				
]	4 4		D3140	SHEET 1 OF 7				
DATE	DATE		TITLE	SCALE				
05.1	11.23		DOOR	NTS				
A		02.04.18	NEW ISSUE					
В		03.01.23	REMOVE -65/-81/-83; ADD -301/-303					



 <u>.</u>	1.20	DOON III
A	02.04.18	NEW ISSUE
В	03.01.23	REMOVE -65/-81/-83; ADD -301/-303
С	04.11.08	CHANGE DELASTEK SPEC. TEC-77; ADD PART MARKING; ADD NOTES 11, 12, 13 CHANGE ANGLE -95/-97/-98 TO 106
D	05.11.23	ADD -103/-104/-105/-106; REMOVE -67
DI	A 1 06.03.31	1.75 WAS 1.88 ; 4.75 WAS 4.13

QTY	QTY	QTY	QTY	QTY	QTY	DARTAHIMET	DECODIDETION	
-05	-06	-07	-08	-09	-10	PART NUMBER	DESCRIPTION	
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		1	1			D3140-75	PAD	
		1	1			D3140-77	PAD	
		1	1			D3140-79	PAD	
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DESIGN DS	DRAWN BY RF		ROSPACE LTD Y, ONTARIO, CANADA
CHECKED /	APPROVED []	DRAWING NO.	REV. D
#	di	D3140	SHEET 2 OF 7
DATE		TITLE	SCALE
05.11.23		DOOR	NTS



COMPOSITE LAYUP & BONDING I.A.W. DELASTEK PROCESS SPEC. TEC-77 MATERIAL STORAGE & HANDLING TO BE I.A.W. DART QSI 006 MAIN LAYUP USES FIBERCOTE E-761/7781 EPOXY FIBERGLASS. FILL WITH EPOCAST 87269 OR MAGNOBOND 77 A & B AND MA560 FOAM/ NB-51/30 FOAM

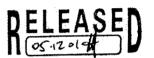


FINISH: DUPONT HIGHBUILD GREY PRIMER 1144-S

MAKE PARTS IN ACCORDANCE WITH THE FOLLOWING TOOLS/MOLDS:

PART	TOOL
D3140-05	B30-23000-01T
D3140-06	B30-23000-02T
D3140-07	B30-23000-03T
D3140-08	B30-23000-04T
D3140-57	B30-23000-57T
D3140-61	B30-23000-61T
D3140-63	B30-23000-63T
D3140-69	B30-23000-69T
D3140-71	B30-23000-71T
D3140-73	B30-23000-73T
D3140-75	B30-23000-75T
D3140-77	B30-23000-77T
D3140-79	B30-23000-79T
D3140-89	D3140-89T1
D3140-301	D3140-301T1
D3140-303	D3140-303T1

ALL DIMENSIONS IN INCHES





MATERIAL: 2024-T3 (QQ-A-250/4) 0.032 THICK (M2024T3S.032) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 2024-T3 (QQ-A-250/4) 0.020 THICK (M2024T3S.020) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 5052-H32/H34 (QQ-A-250/8) 0.040 THICK (M5052H32S.040) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: POLIMEX TR75 1" THICK 4.5 LB KLEGECELL



TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



MATERIAL: 6061-T6 (QQ-A-250/11) 0.063 THICK (M6061-T6S,063) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



DOUBLER TO SIT ON TOP OF FOAM AT THIS LOCATION



DOUBLER TO BE RECESSED FLUSH INTO FOAM AT THIS LOCATION

RUBBER STAMP WITH DART P/N D3140-05/-06/-07/-08 USING MIL-STD-130

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